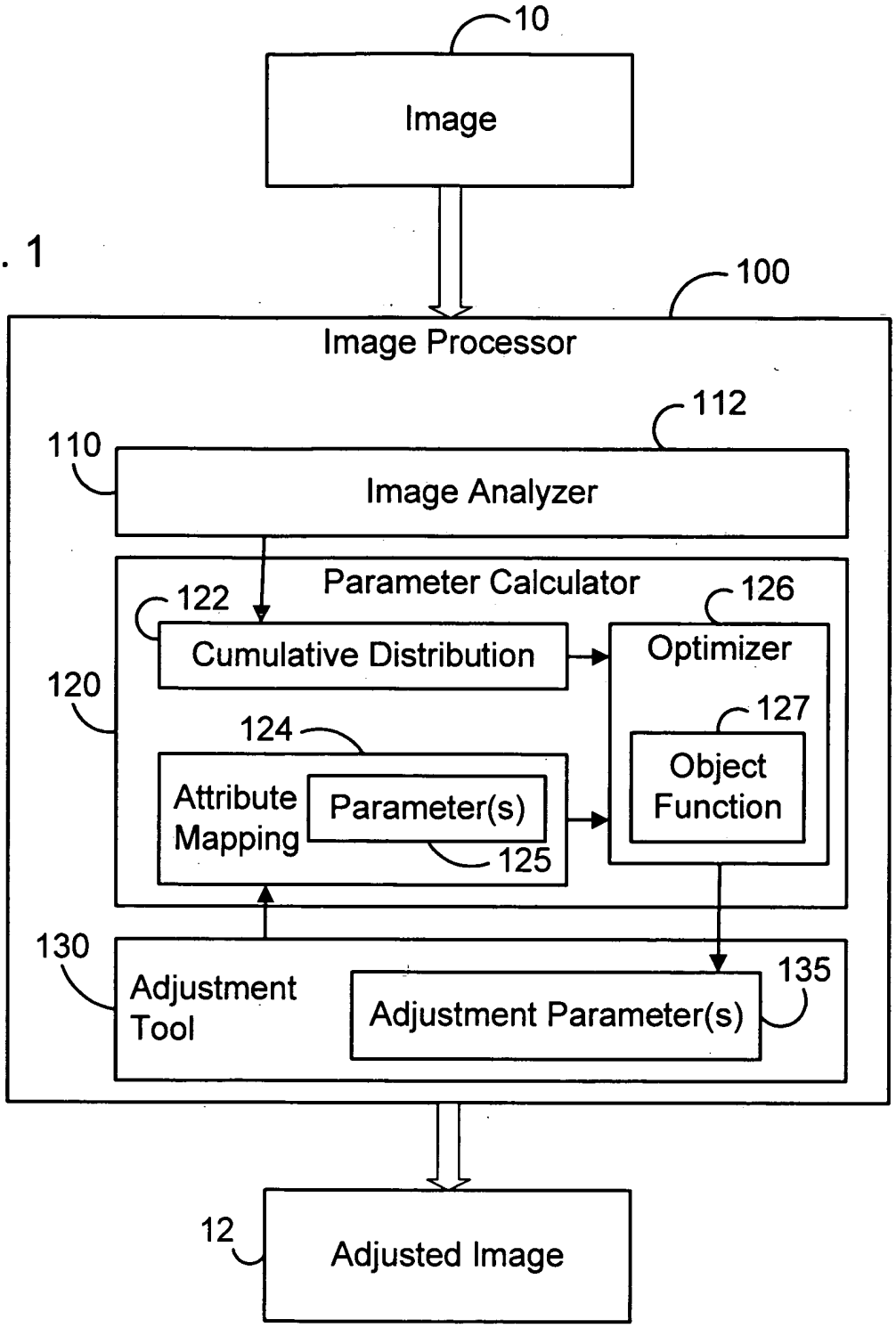
FIG. 1


10
Image
100
Image Processor
112
110
Image Analyzer
Parameter Calculator
122
126
Cumulative Distribution
Optimizer
120
127
124
Object Function
Attribute Mapping
Parameter(s)
125
130
Adjustment Tool
135
Adjustment Parameter(s)
12
Adjusted Image

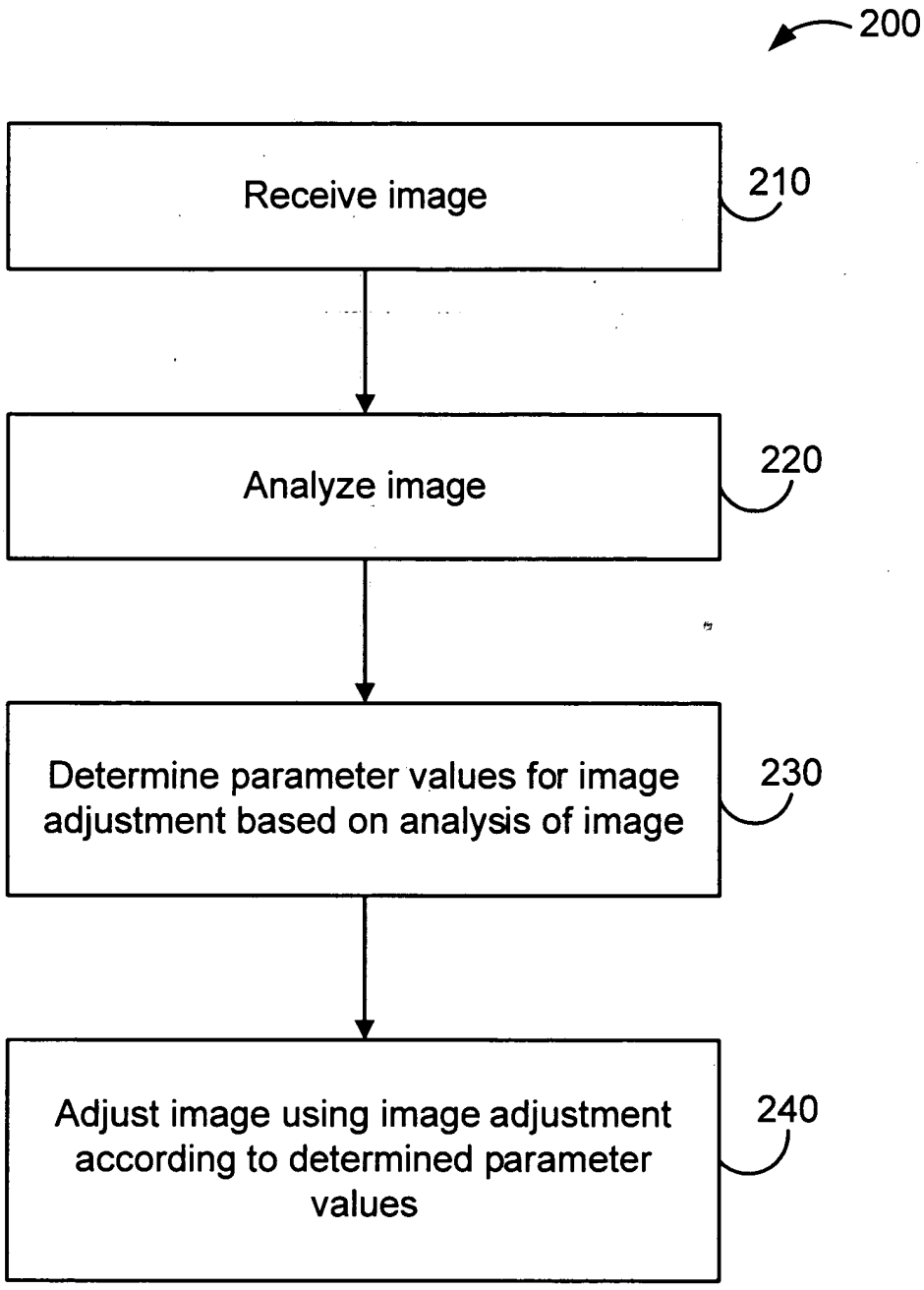

200
Receive image
210
Analyze image
220
Determine parameter values for image adjustment based on analysis of image
230
Adjust image using image adjustment according to determined parameter values
240

FIG. 2

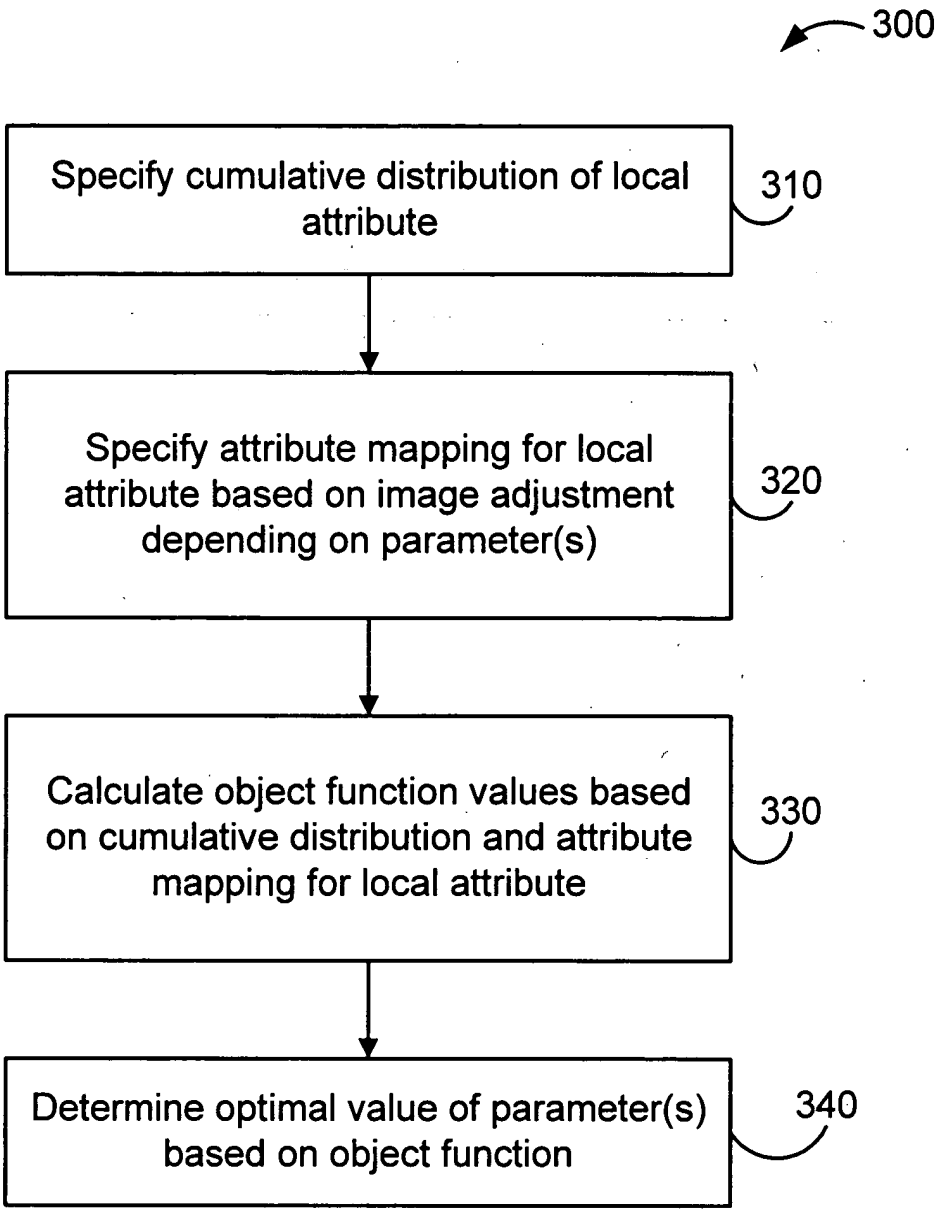
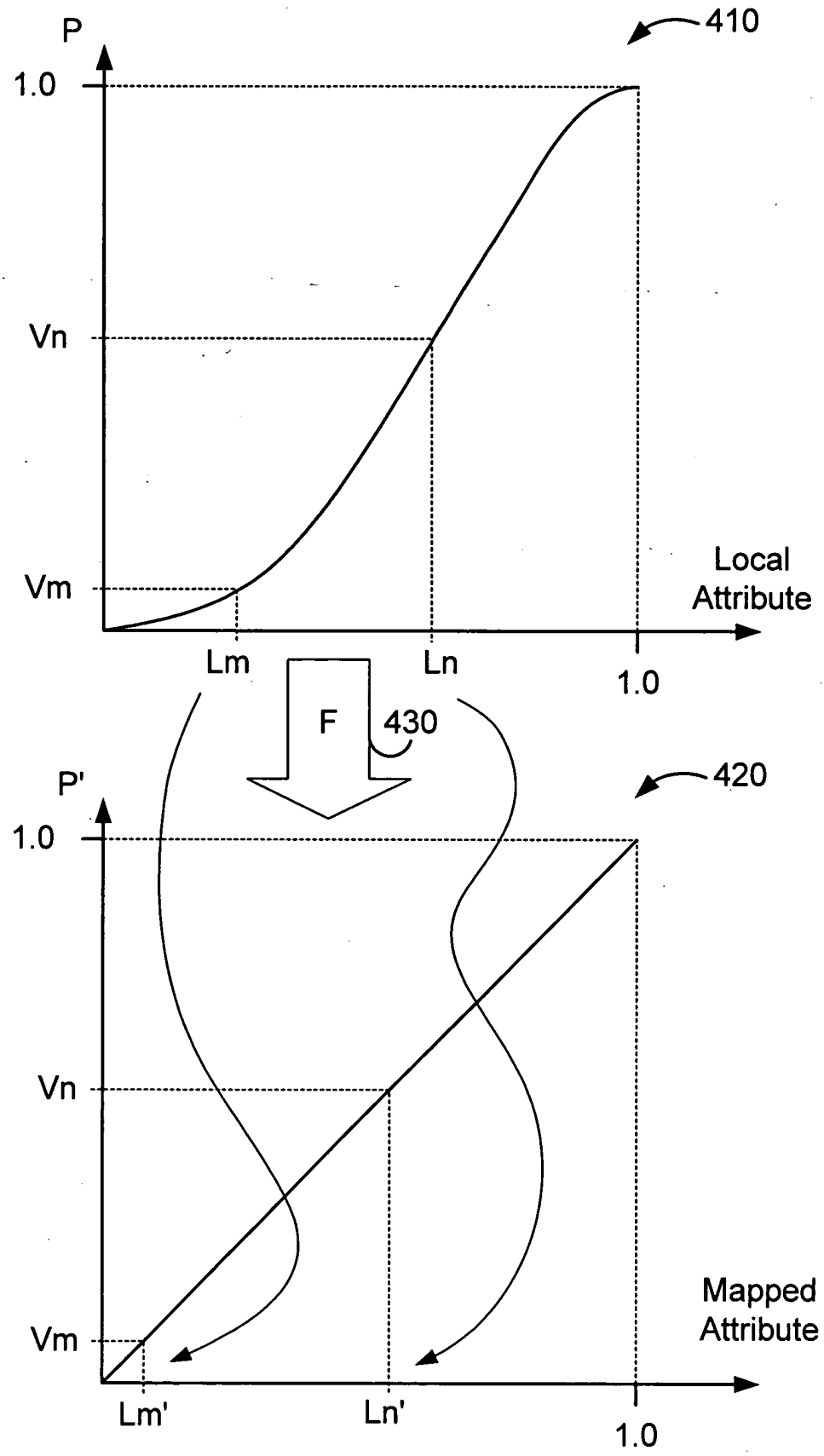

300
Specify cumulative distribution of local attribute
310
Specify attribute mapping for local attribute based on image adjustment depending on parameter(s)
320
Calculate object function values based on cumulative distribution and attribute mapping for local attribute
330
Determine optimal value of parameter(s) based on object function
340

FIG. 3

FIG. 4


P
410
1.0
Vn
Vm
Local
Attribute
Lm
Ln
1.0
F
430
P'
420
1.0
Vn
Vm
Mapped
Attribute
Lm'
Ln'
1.0